

Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview

- 1. **Date of Submission:** 2010-09-17
- 2. **Agency:** 429
- 3. **Bureau:** 00
- 4. **Name of this Investment:** Materials Licensing Program - Web Based Licensing (WBL)
- 5. **Unique Project (Investment) Identifier (UPI):** 429-00-01-04-01-1000-00
- 6. **What kind of investment will this be in FY 2012?:** Mixed Life Cycle
 - Planning
 - Full Acquisition
 - Operations and Maintenance
 - Mixed Life Cycle
 - Multi-Agency Collaboration

7. **What was the first budget year this investment was submitted to OMB?** FY2008

- 8.
 - a. **Provide a brief summary of the investment and justification, including a brief description of how this closes in part or in whole an identified agency performance gap, specific accomplishments expected by the budget year and the related benefit to the mission, and the primary beneficiary(ies) of the investment.**

The Web Based Licensing (WBL) investment manages the licensing and inspection of radioactive materials. WBL is a radioactive material licensing and inspection system. WBL manages the licensing life-cycle from initial application, license issuance, amendment, reporting, and de - licensing; it provides a computerized record of each specific license; and it tracks inspections related to the licenses. WBL is designed to maintain information on NRC radioactive material licensees but, in the future, will also include Agreement State Agency radioactive material licensing information. WBL will allow licensees to submit and track the progress of license actions through a web interface and will allow Agreement State agencies and other approved government agencies to access licensing information. WBL will provide the NRC with national warehouse of radioactive material licensing information that will inform nationwide security planning and first responder preparedness. In addition to the licensee service functions, WBL also provides accessibility for the disabled (Section 508 of the Rehabilitation Act); security measures to protect the information against malevolent act; robust and user friendly interfaces and flexible query capability; and disaster recovery capability. Specific accomplishments: FY2012 - Delivery of WBL v1.0 - initial deployment which replaces the Licensing Tracking System 2.0 (UPI:429-00-01-04-01-1000-00-301-093) for its licensing tracking capability and the legacy mainframe Inspection Planning System (IPS) for its inspection planning and tracking capability.

- b. **Provide any links to relevant websites that would be useful to gain additional information on the investment including links to GAO and IG reports.**

Title	Link
Actions Taken by NRC to Strengthen Its Licensing Process for Sealed Radioactive Sources Are Not Effective	http://www.gao.gov/new.items/d071038t.pdf
NRC and DHS Need to Take Additional Steps to Better Track and Detect Radioactive Materials	http://www.gao.gov/new.items/d08598.pdf

9.

- a. **Provide the date of the Agency's Executive/Investment Committee approval of this investment.**
2010-08-31
- b. **Provide the date of the most recent or planned approved project charter.** 2009-02-26

10. **Contact information?**

- a. **Program/Project Manager Name:** *
Phone Number: *
Email: *
- b. **Business Function Owner Name (i.e. Executive Agent or Investment Owner):** Charles L. Miller
Phone Number: *
Email: *

11. **What project management qualifications does the Project Manager have? (choose only one per FAC-P/PM or DAWIA):** Project manager has been validated according to FAC-P/PM or DAWIA criteria as qualified for this investment.

- Project manager has been validated according to FAC-P/PM or DAWIA criteria as qualified for this investment.
- Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.
- Project manager assigned to investment, but does not meet requirements according to FAC-P/PM or DAWIA criteria.
- Project manager assigned but qualification status review has not yet started.
- No project manager has yet been assigned to this investment.

Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.B.1: Summary of Funding
(In millions of dollars)

(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	PY-1 and earlier	PY 2010	CY 2011 (CY Continuing Resolution)	BY 2012	BY+1 2013	BY+2 2014	BY+3 2015	BY+4 and beyond	Total
Planning:	*	*	*	*	*	*	*	*	*
Acquisition:	*	*	*	*	*	*	*	*	*
Planning & Acquisition Government FTE Costs	*	*	*	*	*	*	*	*	*
Subtotal Planning & Acquisition(DME):	*	*	*	*	*	*	*	*	*
Operations & Maintenance:	*	*	*	*	*	*	*	*	*
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*
Operations, Maintenance, Disposition Government FTE Costs	*	*	*	*	*	*	*	*	*
Subtotal O&M and Disposition Costs (SS):	*	*	*	*	*	*	*	*	*
TOTAL FTE Costs	*	*	*	*	*	*	*	*	*
TOTAL (not including FTE costs):	*	*	*	*	*	*	*	*	*
TOTAL (including FTE costs):	*	*	*	*	*	*	*	*	*
Number of FTE represented by	*	*	*	*	*	*	*	*	*

**Table I.B.1: Summary of Funding
(In millions of dollars)**

(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	PY-1 and earlier	PY 2010	CY 2011 (CY Continuing Resolution)	BY 2012	BY+1 2013	BY+2 2014	BY+3 2015	BY+4 and beyond	Total
Costs:									

2. Insert the number of years covered in the column “PY-1 and earlier”: 2

3. Insert the number of years covered in the column “BY+4 and beyond”: *

4. If the summary of funding has changed from the FY 2011 President’s Budget request, briefly explain those changes:

*

Section C: Acquisition/Contract Strategy (All Capital Assets)

1.

Table I.C.1 Contracts Table

Contract Status	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	Solicitation ID	Alternative financing	EVM Required	Ultimate Contract Value (M)	Type of Contract/Task Order (Pricing)	Is the contract a Performance Based Service Acquisition (PBSA)?	Effective date	Actual or expected End Date of Contract/Task Order	Extent Completed	Short description of acquisition
Awarded	3100	NRCT001	NRC4110017	41-09-008	*	*	\$8.7	Firm Fixed Price	N	2010-05-11	2011-05-10	Y	Integrated Source Management Portfolio
Awarded	3100	NRCT001	NRC4110017	41-09-008	*	*	\$12.0	Firm Fixed Price	N	2010-05-11	2011-05-10	Y	Integrated Source Management Portfolio
Awarded	3100	NRCDR3308307	GS35F0153M		*	*	\$0.5	Combination (two or more)	N	2008-06-23	2013-06-22	Y	Managed Public Key Infrastructure Support Services
Awarded	3100	NRCT001	NRCDR3310324		*	*	\$2.3	Labor Hours	N	2010-09-16	2013-05-14	Y	IV&V Services Supporting FSME systems
Awarded	3100	NRCDR4108006	GS35F0125S	RS-FSME-08-006	*	*	\$0.7	Labor Hours	N	2008-08-29	2011-03-15	N	INDEPENDENT VERIFICATION AND VALIDATION

Table I.C.1 Contracts Table

Contract Status	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	Solicitation ID	Alternative financing	EVM Required	Ultimate Contract Value (M)	Type of Contract/Task Order (Pricing)	Is the contract a Performance Based Service Acquisition (PBSA)?	Effective date	Actual or expected End Date of Contract/Task Order	Extent Completed	Short description of acquisition
-----------------	-----------------------	--	--	-----------------	-----------------------	--------------	-----------------------------	---------------------------------------	---	----------------	--	------------------	----------------------------------

(IV & V)
SUPPORT
FOR FSME
SYSTEMS

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

*

3.

- a. Has an Acquisition Plan been developed? If yes, please answer the questions that follow *
- b. Does the Acquisition Plan reflect the requirements of FAR Subpart 7.1 *
- c. Was the Acquisition Plan approved in accordance with agency requirements *
- d. If "yes," enter the date of approval? *
- e. Is the acquisition plan consistent with your agency Strategic Sustainability Performance Plan? *
- f. Does the acquisition plan meet the requirements of EOs 13423 and 13514? *
- g. If an Acquisition Plan has not been developed, provide a brief explanation.

*

Part II: IT Capital Investments

Section A: General

1.
 - a. **Confirm that the IT Program/Project manager has the following competencies: configuration management, data management, information management, information resources strategy and planning, information systems/network security, IT architecture, IT performance assessment, infrastructure design, systems integration, systems life cycle, technology awareness, and capital planning and investment control.** yes
 - b. **If not, confirm that the PM has a development plan to achieve competencies either by direct experience or education.**

2. **Describe the progress of evaluating cloud computing alternatives for service delivery to support this investment.** wbl is a system that utilizes a cloud environment

3. **Provide the date of the most recent or planned Quality Assurance Plan** 2010-08-03

4.
 - a. **Provide the UPI of all other investments that have a significant dependency on the successful implementation of this investment.** 429-00-01-04-01-1010-00,429-00-01-01-01-2025-00
 - b. **If this investment is significantly dependent on the successful implementation of another investment(s), please provide the UPI(s).**

5. **An Alternatives Analysis must be conducted for all Major Investments with Planning and Acquisition (DME) activities and evaluate the costs and benefits of at least three alternatives and the status quo. The details of the analysis must be available to OMB upon request. Provide the date of the most recent or planned alternatives analysis for this investment.** 2010-08-25

6. **Risks must be actively managed throughout the lifecycle of the investment. The Risk Management Plan and risk register must be available to OMB upon request. Provide the date that the risk register was last updated.** 2010-08-10

Section B: Cost and Schedule Performance

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Planning: (License Warehouse) Initial Project Planning	DME	*	\$0.5	\$0.5	2007-04-16	2007-04-16	2008-04-10	2008-04-21	100.00%	100.00%
Acquisition: (License Warehouse) Development Procurement Package	DME	*	\$0.4	\$0.4	2008-06-01	2008-05-27	2009-09-30	2009-09-30	100.00%	100.00%
Acquisition: (License Warehouse) Requirements Refinement	DME	*	\$0.6	\$0.6	2010-01-18	2009-10-01	2010-03-18	2010-04-15	100.00%	100.00%
Acquisition: (License Warehouse) System Design	DME	*	\$0.8	\$0.9	2010-03-12	2010-05-01	2010-06-01	2010-06-18	100.00%	100.00%
Acquisition: (License Warehouse) Security Artifact Development	DME	*	\$0.6	\$0.3	2010-01-19	2010-07-06	2010-07-26	2010-08-31	100.00%	100.00%
Acquisition: (License Warehouse) System Design Refinements	DME	*	\$1.9	\$1.3	2010-06-02	2010-09-07	2011-05-02		68.00%	69.00%
Acquisition: (License Warehouse) Construction	DME	*	\$1.9	\$0.1	2011-03-17	2011-03-20	2011-08-29		3.00%	3.00%
Acquisition:	DME	*	\$0.8	\$0.0	2011-04-01	2011-04-01	2011-11-21		1.00%	1.00%

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
(License Warehouse) System Testing										
Acquisition: (License Warehouse) Security Testing	DME	*	*	*	2012-02-16	*	2012-05-14	*	*	*
Acquisition: (License Warehouse) User Training	DME	*	*	*	2012-02-17	*	2012-03-27	*	*	*
Acquisition: (License Warehouse) System Deployment	DME	*	*	*	2012-04-30	*	2012-05-29	*	*	*
Hosting & Operations - FY12- Release 1	SS	*	*	*	2011-10-01	*	2012-03-31	*	*	*
System Maintenance - FY12- Release 1	SS	*	*	*	2011-10-01	*	2012-03-31	*	*	*
User-Help Desk Support - FY12- Release 1	SS	*	*	*	2011-10-01	*	2012-03-31	*	*	*
Hosting & Operations - FY13- Release 1	SS	*	*	*	2012-10-01	*	2013-03-31	*	*	*
System Maintenance - FY13- Release 1	SS	*	*	*	2012-10-01	*	2013-03-31	*	*	*
User-Help Desk Support - FY13- Release 1	SS	*	*	*	2012-10-01	*	2013-03-31	*	*	*
Hosting & Operations - FY14- Release 1	SS	*	*	*	2013-10-01	*	2014-03-31	*	*	*

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
System Maintenance - FY14- Release 1	SS	*	*	*	2013-10-01	*	2014-03-31	*	*	*
User-Help Desk Support - FY14- Release 1	SS	*	*	*	2013-10-01	*	2014-03-31	*	*	*
Hosting & Operations - FY15- Release 1	SS	*	*	*	2014-10-01	*	2015-03-31	*	*	*
System Maintenance - FY15- Release 1	SS	*	*	*	2014-10-01	*	2015-03-31	*	*	*
User-Help Desk Support - FY15- Release 1	SS	*	*	*	2014-10-01	*	2015-03-31	*	*	*
Hosting & Operations - FY16- Release 1	SS	*	*	*	2015-10-01	*	2016-03-31	*	*	*
System Maintenance - FY16- Release 1	SS	*	*	*	2015-10-01	*	2016-03-31	*	*	*
User-Help Desk Support - FY16- Release 1	SS	*	*	*	2015-10-01	*	2016-03-31	*	*	*
Hosting & Operations - FY17- Release 1	SS	*	*	*	2016-10-01	*	2017-03-31	*	*	*
System Maintenance - FY17- Release 1	SS	*	*	*	2016-10-01	*	2017-03-31	*	*	*
User-Help Desk Support - FY17- Release 1	SS	*	*	*	2016-10-01	*	2017-03-31	*	*	*
Hosting & Operations - FY18- Release 1	SS	*	*	*	2017-10-01	*	2018-03-31	*	*	*

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
System Maintenance - FY18- Release 1	SS	*	*	*	2017-10-01	*	2018-03-31	*	*	*
User-Help Desk Support - FY18- Release 1	SS	*	*	*	2017-10-01	*	2018-03-31	*	*	*
Hosting & Operations - FY19- Release 1	SS	*	*	*	2018-10-01	*	2019-03-31	*	*	*
System Maintenance - FY19- Release 1	SS	*	*	*	2018-10-01	*	2019-03-31	*	*	*
User-Help Desk Support - FY19- Release 1	SS	*	*	*	2018-10-01	*	2019-03-31	*	*	*
Hosting & Operations - FY20- Release 1	SS	*	*	*	2019-10-01	*	2020-01-31	*	*	*
System Maintenance - FY20- Release 1	SS	*	*	*	2019-10-01	*	2020-01-31	*	*	*
User-Help Desk Support - FY20- Release 1	SS	*	*	*	2019-10-01	*	2020-01-31	*	*	*
Hosting & Operations - FY12- Release 2	SS	*	*	*	2012-04-01	*	2012-09-30	*	*	*
System Maintenance - FY12- Release 2	SS	*	*	*	2012-04-01	*	2012-09-30	*	*	*
User-Help Desk Support - FY12- Release 2	SS	*	*	*	2012-04-01	*	2012-09-30	*	*	*
Hosting & Operations - FY13- Release 2	SS	*	*	*	2013-04-01	*	2013-09-30	*	*	*

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
System Maintenance - FY13- Release 2	SS	*	*	*	2013-04-01	*	2013-09-30	*	*	*
User-Help Desk Support - FY13- Release 2	SS	*	*	*	2013-04-01	*	2013-09-30	*	*	*
Hosting & Operations - FY14- Release 2	SS	*	*	*	2014-04-01	*	2014-09-30	*	*	*
System Maintenance - FY14- Release 2	SS	*	*	*	2014-04-01	*	2014-09-30	*	*	*
User-Help Desk Support - FY14- Release 2	SS	*	*	*	2014-04-01	*	2014-09-30	*	*	*
Hosting & Operations - FY15- Release 2	SS	*	*	*	2015-04-01	*	2015-09-30	*	*	*
System Maintenance - FY15- Release 2	SS	*	*	*	2015-04-01	*	2015-09-30	*	*	*
User-Help Desk Support - FY15- Release 2	SS	*	*	*	2015-04-01	*	2015-09-30	*	*	*
Hosting & Operations - FY16- Release 2	SS	*	*	*	2016-04-01	*	2016-09-30	*	*	*
System Maintenance - FY16- Release 2	SS	*	*	*	2016-04-01	*	2016-09-30	*	*	*
User-Help Desk Support - FY16- Release 2	SS	*	*	*	2016-04-01	*	2016-09-30	*	*	*
Hosting & Operations - FY17- Release 2	SS	*	*	*	2017-04-01	*	2017-09-30	*	*	*

Table II.B.1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline:

Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
System Maintenance - FY17- Release 2	SS	*	*	*	2017-04-01	*	2017-09-30	*	*	*
User-Help Desk Support - FY17- Release 2	SS	*	*	*	2017-04-01	*	2017-09-30	*	*	*
Hosting & Operations - FY18- Release 2	SS	*	*	*	2018-04-01	*	2018-09-30	*	*	*
System Maintenance - FY18- Release 2	SS	*	*	*	2018-04-01	*	2018-09-30	*	*	*
User-Help Desk Support - FY18- Release 2	SS	*	*	*	2018-04-01	*	2018-09-30	*	*	*
Hosting & Operations - FY19- Release 2	SS	*	*	*	2019-04-01	*	2019-09-30	*	*	*
System Maintenance - FY19- Release 2	SS	*	*	*	2019-04-01	*	2019-09-30	*	*	*
User-Help Desk Support - FY19- Release 2	SS	*	*	*	2019-04-01	*	2019-09-30	*	*	*
Hosting & Operations - FY20- Release 2	SS	*	*	*	2020-02-01	*	2020-05-10	*	*	*
System Maintenance - FY20- Release 2	SS	*	*	*	2020-02-01	*	2020-05-10	*	*	*
User-Help Desk Support - FY20- Release 2	SS	*	*	*	2020-02-01	*	2020-05-10	*	*	*

- 2. If the investment cost, schedule, or performance variances are not within 10 percent of the current baseline, provide a complete analysis of the reasons for the variances, the corrective actions to be taken, and the most likely estimate at completion.** As of August 2010, the investment's overall cost and schedule variances are within 10 percent of the current baseline. Note: This investment does not become 'Mixed Lifecycle' until FY2012, so no Operational Analysis will be performed until then.
- 3. For mixed lifecycle or operations and maintenance investments an Operational Analysis must be performed annually. Operational analysis may identify the need to redesign or modify an asset by identifying previously undetected faults in design, construction, or installation/integration, highlighting whether actual operation and maintenance costs vary significantly from budgeted costs, or documenting that the asset is failing to meet program requirements. The details of the analysis must be available to OMB upon request. Insert the date of the most recent or planned operational analysis.**
- 4. Did the Operational analysis cover all 4 areas of analysis: Customer Results, Strategic and Business Results, Financial Performance, and Innovation?**

Section C: Financial Management Systems

Table II.C.1: Financial Management Systems

System(s) Name	System acronym	Type of Financial System	BY Funding
*	*	*	*

Section D: Multi-Agency Collaboration Oversight (For Multi-Agency Collaborations only)

Table II.D.1. Customer Table:

Customer Agency	Joint exhibit approval date
-----------------	-----------------------------

NONE

Table II.D.2. Shared Service Providers

Shared Service Provider (Agency)	Shared Service Asset Title	Shared Service Provider Exhibit 53 UPI (BY 2011)
----------------------------------	----------------------------	--

*

*

*

Table II.D.3. For IT Investments, Partner Funding Strategies (\$millions):

Partner Agency	Partner exhibit 53 UPI (BY 2012)	CY Monetary Contribution	CY "In-Kind" Contribution	CY Fee-for-Service	BY Monetary Contribution	BY "In-Kind" Contribution	BY Fee-for-Service
----------------	----------------------------------	--------------------------	---------------------------	--------------------	--------------------------	---------------------------	--------------------

NONE

Table II.D.4. Legacy Systems Being Replaced

Name of the Legacy Investment of Systems	Current UPI	Date of the System Retirement
--	-------------	-------------------------------

*

*

*

Section E: Performance Information

Table I.E.1a. Performance Metric Attributes

Technology	Overall Costs	% Complete of HW/SW purchase	annual	Count	Increase	0% completion	2009-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2010	100% Complete	100% Complete	Met	2010-09-17
Customer Results	Customer Satisfaction	% Complete of Procurement Package Components	annual	Percentage	Increase	No procurement package	2008-10-01
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	70% Complete	70% Complete	Met	2010-09-17
			2010	100% Complete	100% Complete	Met	2010-09-17
Mission and Business Results	Program Monitoring	% Cost and Schedule Variance based on Earned Value Analysis	annual	Percentage	Decrease	0% variance based on Project schedule baselined upon initiation of investment.	2008-10-01

* - Indicates data is redacted.